



(2-92)
Sheet 1 of 1

Form PTO-1449		Docket Number (Optional) 1951-2-6		Application Number 10/677,632			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant(s) Haishan Zeng, et al.					
		Filing Date October 2, 2003		Group Art Unit 2878			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
SL	5,599,717	2/4/1997	Tuan Vo-Dinh	436	63	9/2/1994	
	5,955,030	9/21/1999	John W. Pettit	422	82.08	7/26/1996	
	5,528,368	6/18/1996	Edgar N. Lewis	356	346	12/23/1994	
	2001/0033364	10/25/2001	Dario Cabib, et al.	351	221	1/3/2001	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
SL	EP1207376	5/22/2002	Europe	G01J	3/28		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		PCT International Search Report, PCT/CA03/01519, February 20, 2004.					
EXAMINER <i>Sam Hm</i> DATE CONSIDERED <i>2/5/07</i>							
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Substitute for form 1449B/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/677,632		
		Filing Date	October 2, 2003		
		First Named Inventor	Haishan Zeng		
		Art Unit	2878		
		Examiner Name	TBA		
Sheet	1	of	2	Attorney Docket Number	2154-3-3

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
OK		Alfano, R.R., et al., Fluorescence spectra from cancerous and normal human breast and lung tissue, IEEE J. of Quantum Electronics 23, 1806-1811 (1987).	
		Demos, S.G., et al., Tissue imaging for cancer detection using NIR autofluorescence, SPIE Proc. 4813: 31-34, 2002.	
		Gallas, J.M., et al., Fluorescence of melanin-dependence upon excitation wavelength and concentration. Photochem Photobiol 45(5): 595-600, 1987.	
		Gat, N., Imaging Spectroscopy Using Tunable Filters: A Review, Proc. SPIE 4056:50-64, 2000.	
		Gillies, R., et al., Fluorescence excitation spectroscopy provides information about human skin in vivo. J Invest Dermatol 2000;115(suppl4):704-707, 2000.	
		Hanlon, E.B., et al., Near-infrared fluorescence spectroscopy detects Alzheimer's disease in vitro, Photochem Photobiol 70(2): 236-242, 1999.	
		Hart, S.J., et al., A laser-induced fluorescence dual-fiber optic array detector applied to the rapid HPLC separation of polycyclic aromatic hydrocarbons, Anal Bioanal Chem 372(1):205-215, 2002.	
		Heintzelman, D.L., et al., Optimal excitation wavelengths for in vivo detection of oral neoplasia using fluorescence spectroscopy, Photochem Photobiol 72(1):103-113, 2000.	
		Huang, Z., et al., A rapid near-infrared Raman spectroscopy system for real-time in vivo skin measurements, Optics Letters 26(22):1782-84, 2001.	
		Ingrams, D.R., et al., Autofluorescence characteristics of oral-mucosa, Head & Neck. 19, 27-32 (1997).	
		Kozikowski, S.D., et al., Fluorescence spectroscopy of eumelanins, IEEE J. Quantum Electronics, QE-20(12): 1379-1382, 1984.	

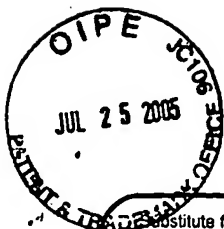
Examiner Signature		Date Considered	2/5/07
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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JK		MacAulay, C., et al., Variation of fluorescence spectroscopy during the menstrual cycle, Optics Express, 10: 493-504, 2002.	
		Mahadevan, A., et al., Study of the fluorescence properties of normal and neoplastic human cervical tissue, Lasers Surg. Med. 13, 647-655 (1993).	
		Richards-Kortum, R., et al., Spectroscopic diagnosis of colonic dysplasia, Photochem Photobiol 53(6):777-86, 1991.	
		Wagnieres, G.A., et al., In vivo fluorescence spectroscopy and imaging for oncological applications, [review] Photochem Photobiol 68(5): 603-32, 1998.	
		Zangaro, R.A. et al., Rapid Multi-Excitation Fluorescence Spectroscopy System for In Vivo Tissue Diagnosis, Applied Optics 35, 5211-5219 (1996).	
		Zeng, H., et al., Spectroscopic and microscopic characteristics of human skin autofluorescence emission, Photochem Photobiol 61:639-645, 1995.	
		Zeng, H., et al., System for fast measurement of in vivo fluorescence spectra of the gastrointestinal tract at multiple excitation wavelengths. Appl. Optics 38(34):7157-7158, 1999.	
		Zhang, G., et al., Far-red and NIR spectral wing emission from tissue under 532-nm and 632-nm photo-excitation, Lasers in Life Sciences, 9:1-16, 1999.	
		Zuluaga, A., et al., Fluorescence excitation emission matrices of human tissue: a system for in vivo measurement and method of data analysis, Appl Spectrosc 53, 302-311, 1999.	

Examiner Signature		Date Considered	2/5/07
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